



# **Safety Topic of the Month**

## **Driving and Vehicle Safety**

**Richmond Refinery**  
**10/1/09**

## Richmond Refinery Driving Safety

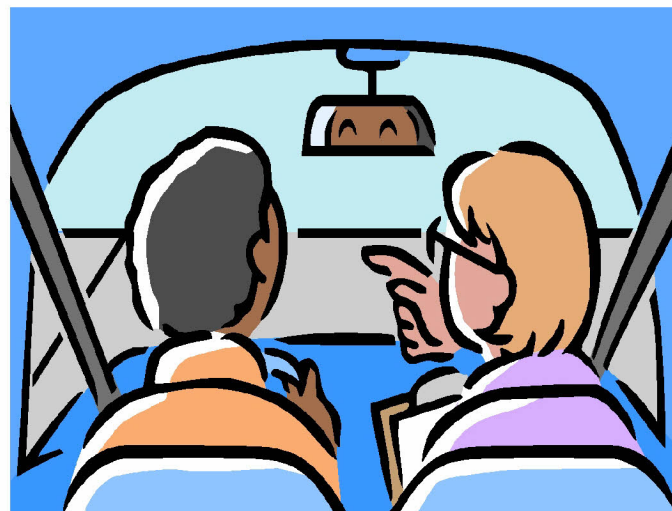
20 mph is standard speed limit on site

5 mph is standard speed in shutdown area

There were 62 MVC accidents in 2008 and 50 accidents in 2009 (Chevron Company and Contractor combined)

Use a spotter as necessary

No cell phones while driving



# RULES OF THE ROAD



5 mph: Construction Zone Speed Limit



Always follow flagperson's directions! Reduce your speed to lower than 10 mph whenever a flagperson is present.



20 mph: Refinery Speed Limit, unless otherwise posted.



Trains always have the right of way. Never cross in front of the Railserve safety vehicle.



Come to a complete stop at all stop signs.



Always wear your seatbelt.



Always yield to pedestrians.



The use of cell phones, even with hands free devices, while driving is **PROHIBITED!**



## Distracted Drivers

The National Highway Traffic Safety Administration says:

- The age group with the **greatest proportion of distracted drivers was the under-20 age group**
- Based on data from the National Motor Vehicle Crash Causation Survey (NMVCCS), a nationally representative survey, of the crashes in which the critical reason for the crash was attributed to the *driver, approximately 18 percent involved distraction.*
- In 2008, there were a total of 34,017 fatal crashes in the United States . In those crashes, 37,261 individuals were killed.



## Personal Stories - Distracted Drivers

Based upon this information, the Salt Lake City Refinery presented an excellent video on distracted driving. The video link is provided below.

<http://www.slc235.chevron.net/esf&h/safety/message.asp>



## Driving Tips to Stay Alive

Use seat belts – When you are using seat belts, you are 25 times more likely to stay alive if in vehicle if it crashes.

Proper adjustment of mirrors – Before you start driving, check you mirrors, and make sure that you can see traffic in the rear view and side view mirrors.

Allow a safe Following Distance - Smith Driving School recommends a 2-4 second cushion in city and 4-6 second cushion on highway.



## Prepare Your Vehicle For Winter

- Check tires and tire pressure
- Inspect all belts and hoses
- Inspect fluid levels
- Make sure the battery is fully charged
- Determine whether or not your car requires thinner oil for colder weather?
- Inspect wipers
- Clean plastic headlight lens with cleaner
- Rainex for windshields-better visibility
- Small scraper for ice-if in weather below 32 degrees F
- Check spare tire for inflation- and ensure that all of the parts there.
- 2-3 Flares on vehicle



## CA Law Updates - 2009

1. Text Messaging - It is unlawful to Text Message while driving a motor vehicle.
2. DUI - Consequences are more stringent. The DMV/courts have the right to install Ignition Interlock Devices regarding DUIs – Installation of these devices will be at a greater frequency.
3. DUI - Stiffer consequences regarding license suspension and car impoundment regarding DUIs.





## Miscellaneous

New convertibles come equipped with pop up roll bars.

Motion detection/ Warning devices are available on the market. These devices are designed to alert the driver to objects that are close to the vehicle.

Automatic parallel parking is an option on some motor vehicles.



## Review TOP Lessons Learned

Learning from our past incidents will help us prevent them in the future. Please take a few minutes now to review the TOP lessons learned.

### TOP Lessons Learned